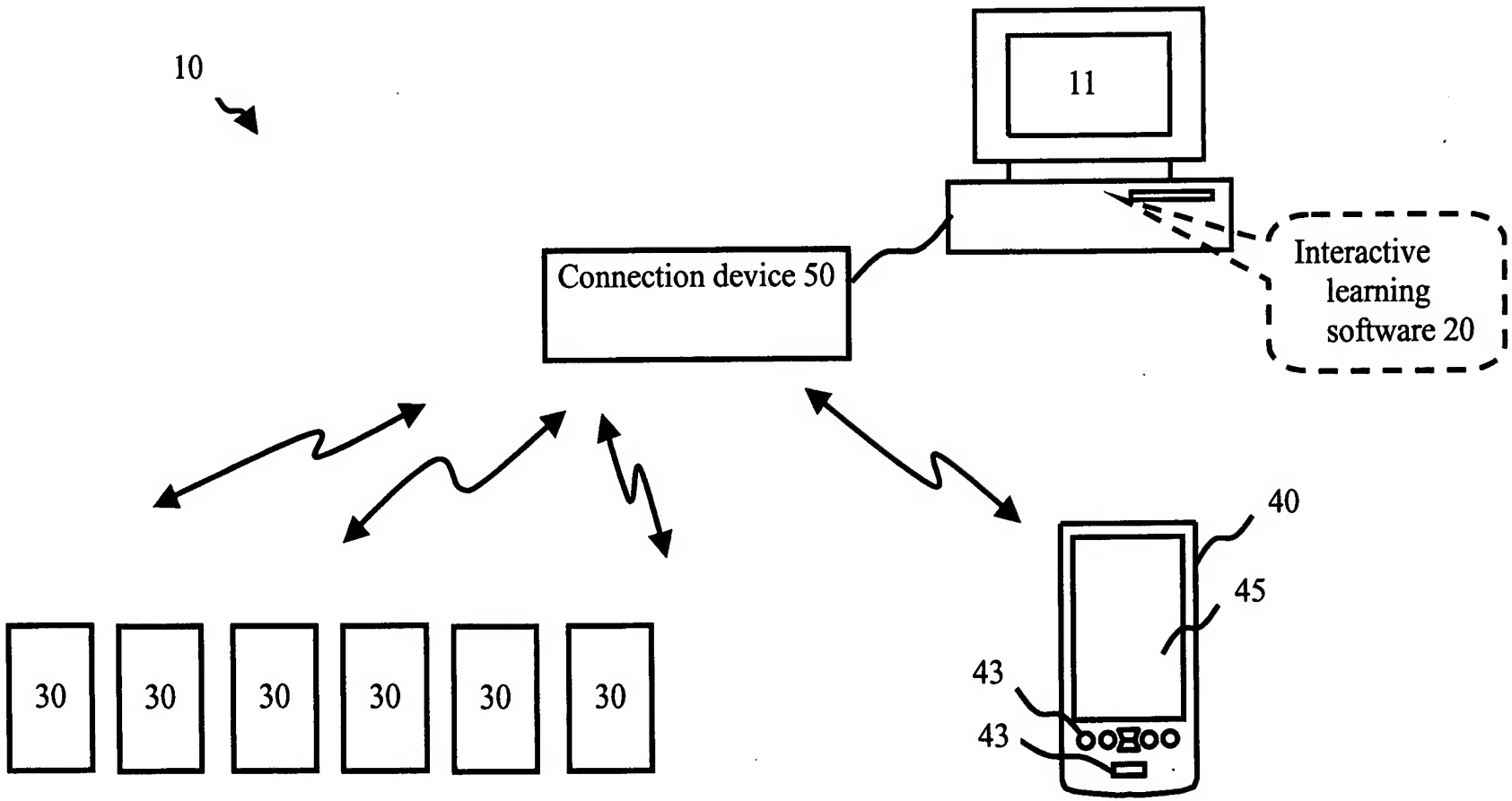
10
11
Connection device 50
Interactive learning software 20
40
45
43
43
30
30
30
30
30
30

FIG. 1

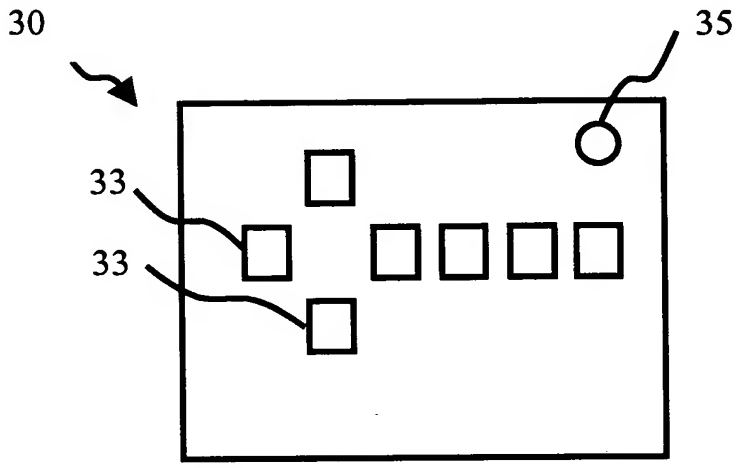
30
35
33
33

FIG. 2

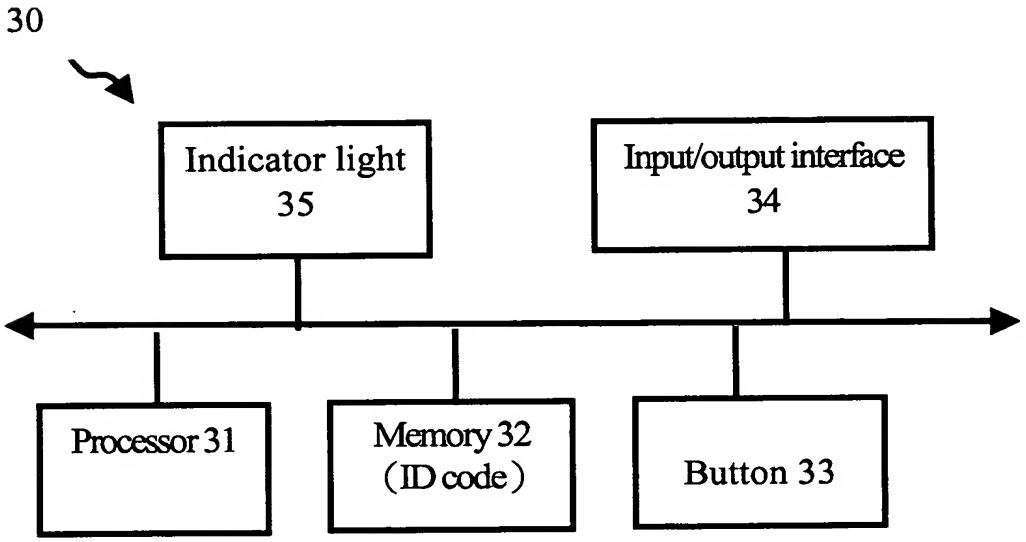
30
Indicator light
35
Input/output interface
34
Processor 31
Memory 32
(ID code)
Button 33

FIG. 3

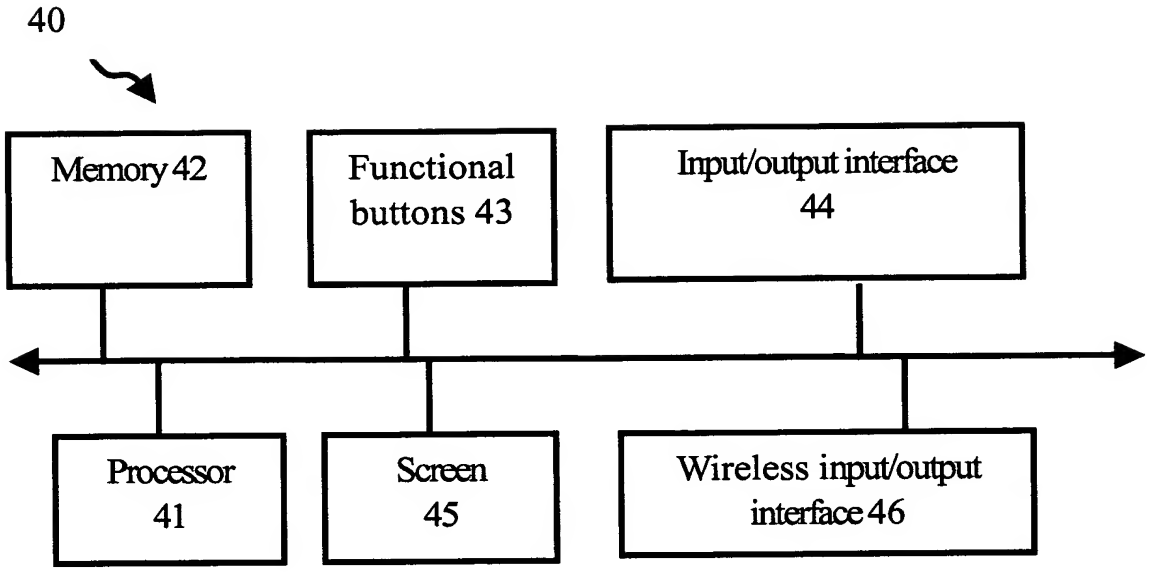
40
Memory 42
Functional buttons 43
Input/output interface 44
Processor 41
Screen 45
Wireless input/output interface 46

FIG. 4

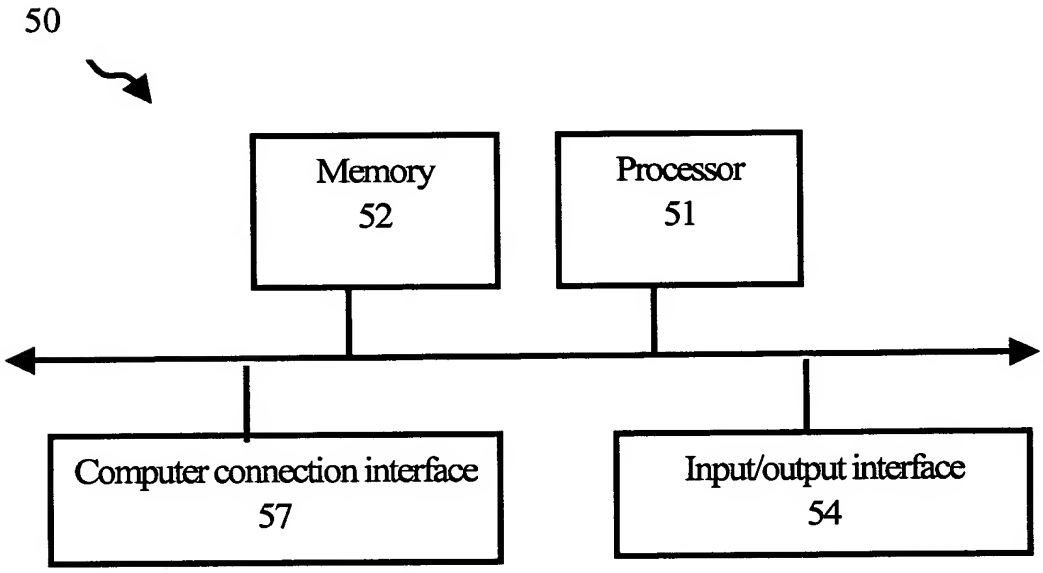
50
Memory 52
Processor 51
Computer connection interface 57
Input/output interface 54

FIG. 5

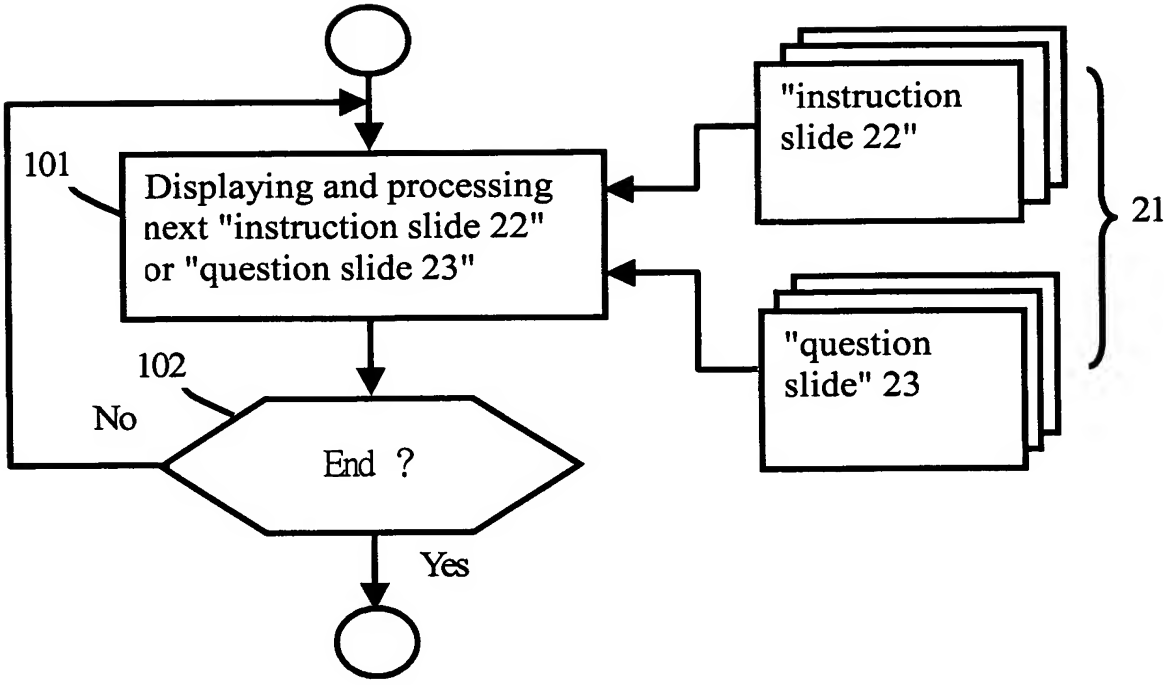
"instruction slide 22"
21
101
Displaying and processing next "instruction slide 22" or "question slide 23"
"question slide" 23
102
No
End ?
Yes

FIG. 6

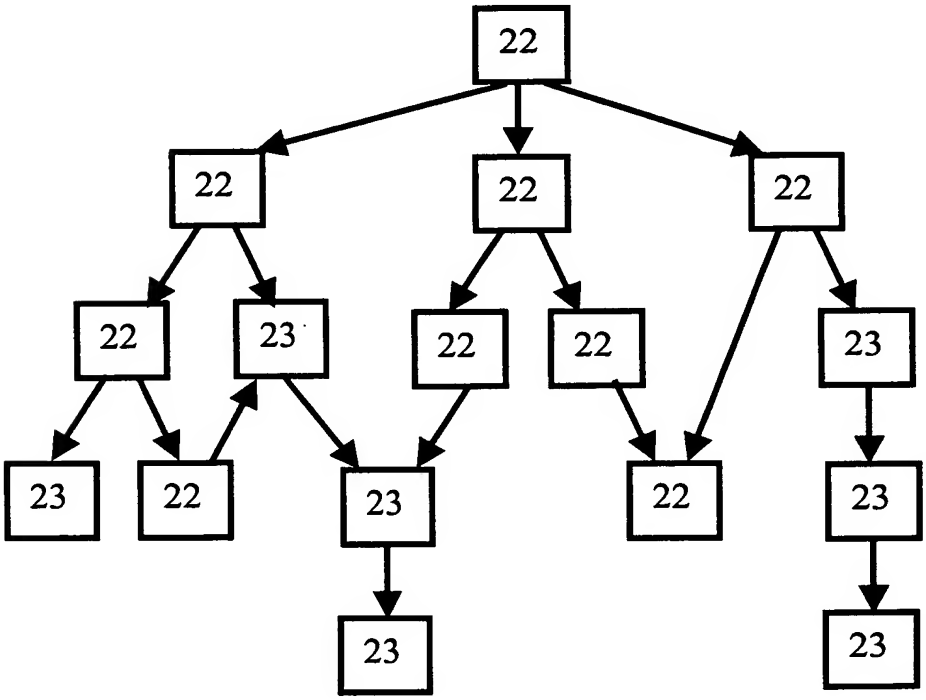
22
22
22
22
22
22
23
22
22
23
23
22
22
23
23
23
23

FIG. 7

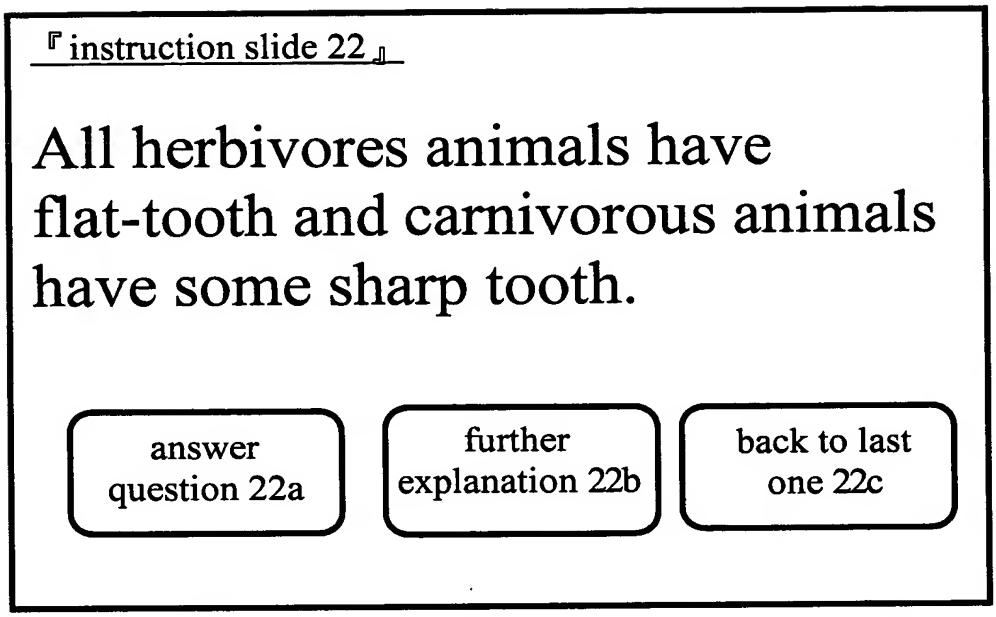
『instruction slide 22』
All herbivores animals have flat-tooth and carnivorous animals have some sharp tooth.
answer question 22a
further explanation 22b
back to last one 22c

FIG. 8

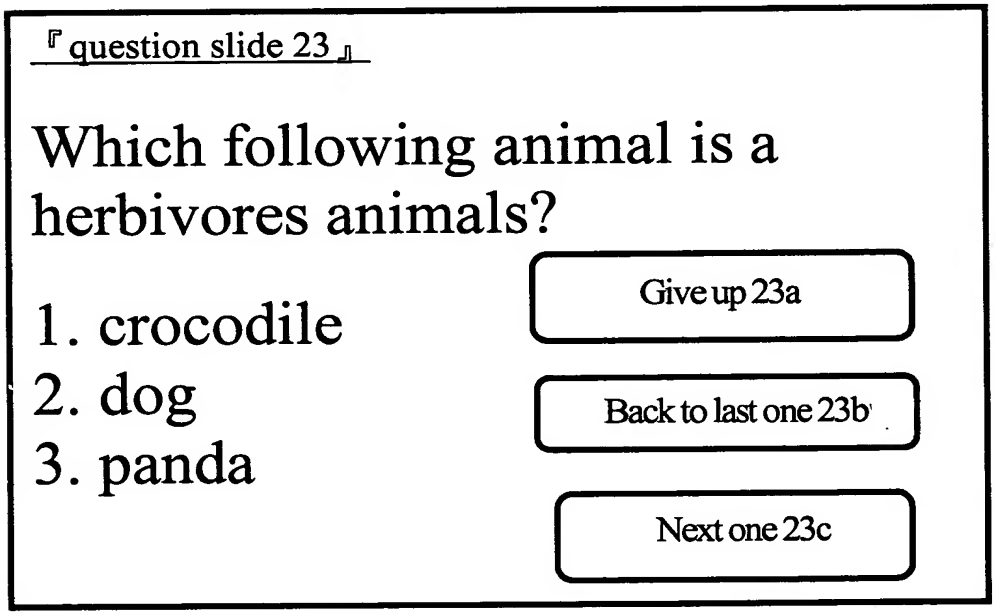
『question slide 23』
Which following animal is a herbivores animals?
1. crocodile
2. dog
3. panda
Give up 23a
Back to last one 23b
Next one 23c

FIG. 9

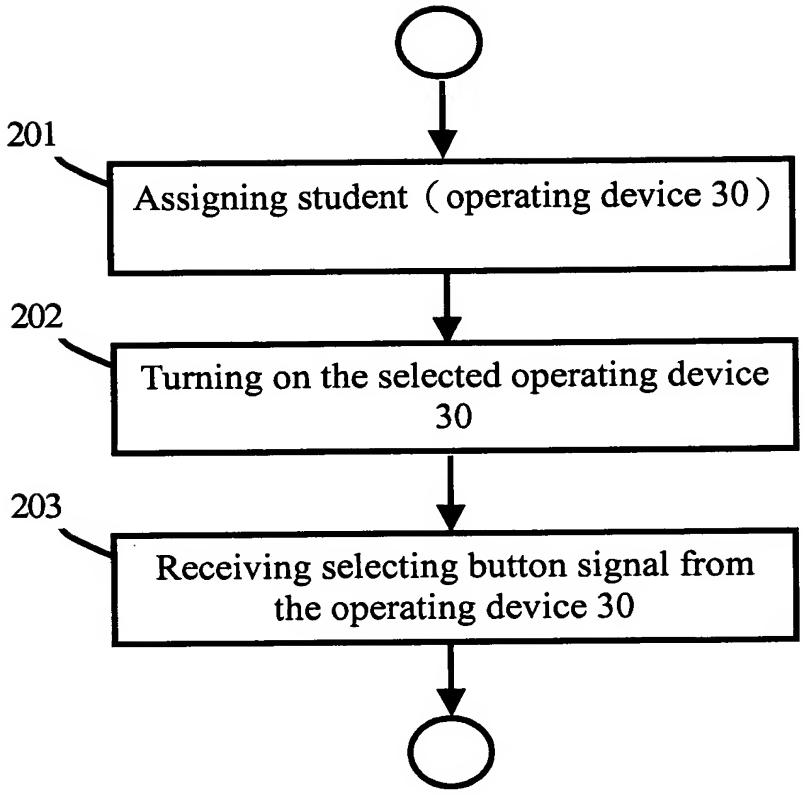
201
Assigning student（operating device 30）
202
Turning on the selected operating device 30
203
Receiving selecting button signal from the operating device 30

FIG. 10

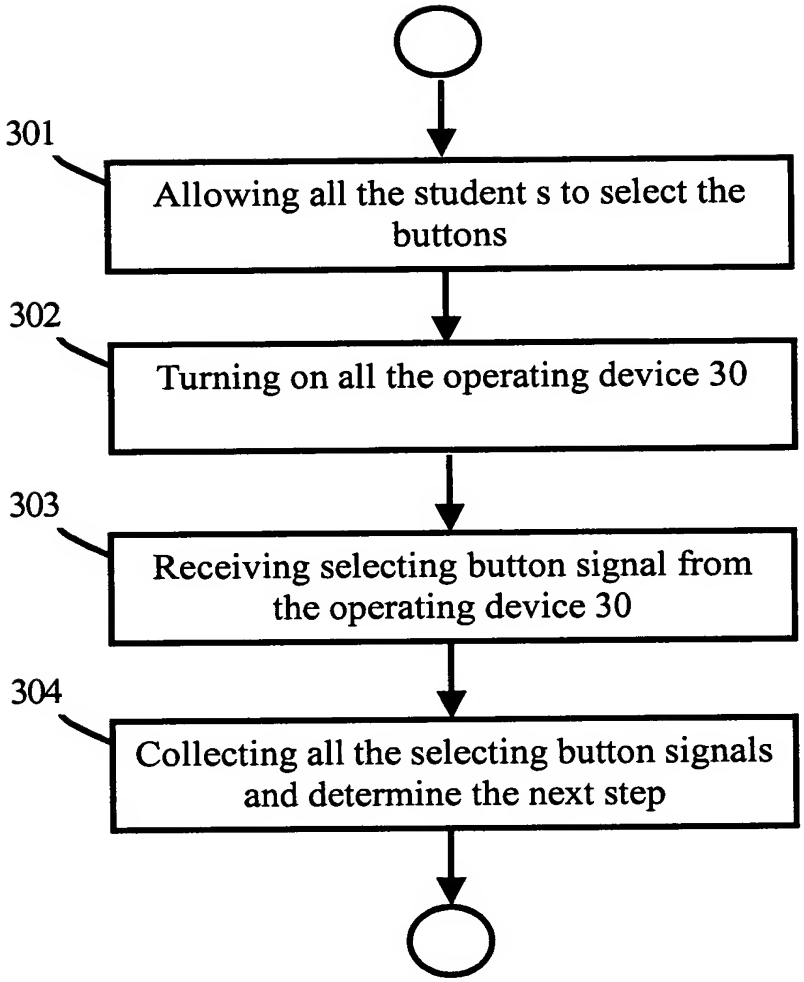
301
Allowing all the student s to select the buttons
302
Turning on all the operating device 30
303
Receiving selecting button signal from the operating device 30
304
Collecting all the selecting button signals and determine the next step

FIG. 11

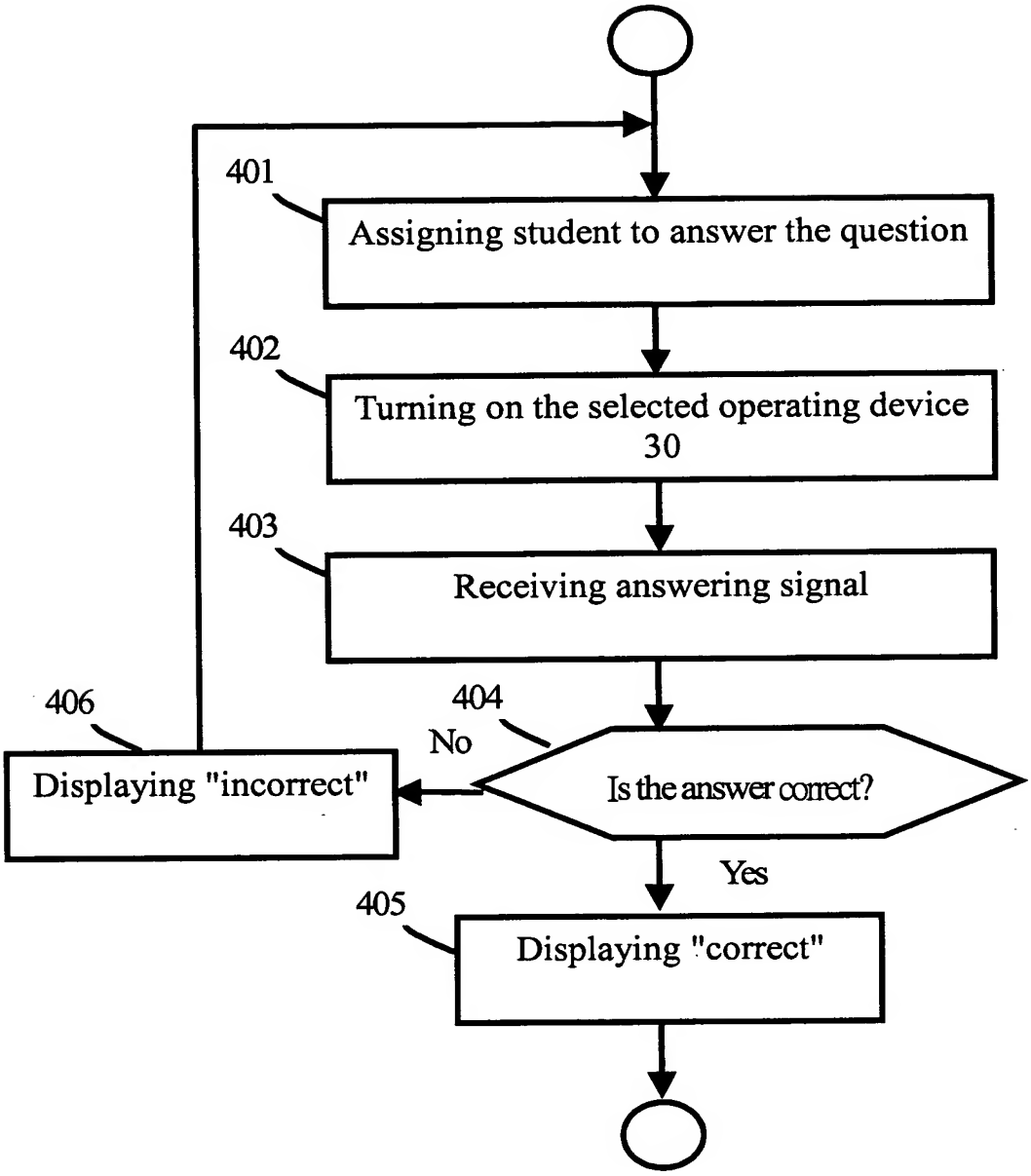
401
Assigning student to answer the question
402
Turning on the selected operating device 30
403
Receiving answering signal
404
Is the answer correct?
No
406
Displaying "incorrect"
Yes
405
Displaying "correct"

FIG. 12

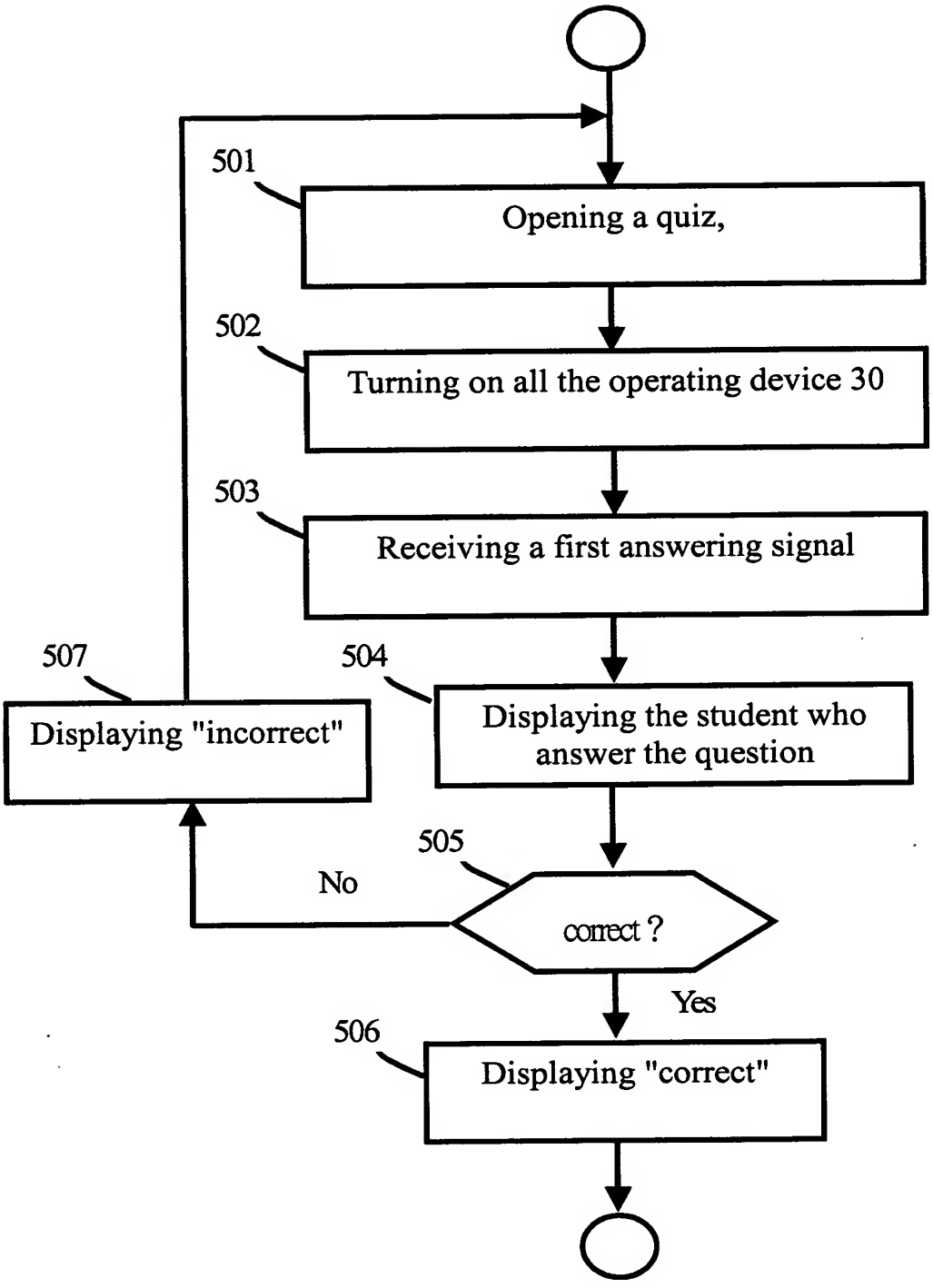
501
Opening a quiz,
502
Turning on all the operating device 30
503
Receiving a first answering signal
504
Displaying the student who answer the question
505
correct ?
No
Yes
506
Displaying "correct"
507
Displaying "incorrect"

FIG. 13

Program code for instruction slide 22:

{learning process proceeds to steps 201-203 or steps 301-304}
argument =200
Code 1
Code 2
Code 3
. . . .
. . . .
. . . .

FIG. 14

Program code for question slide 23:

{learning process proceeds to steps 401-406or steps 501-507}
argument =400
Code 11
Code 12
Code 13
. . . .
. . . .
. . . .

FIG. 15

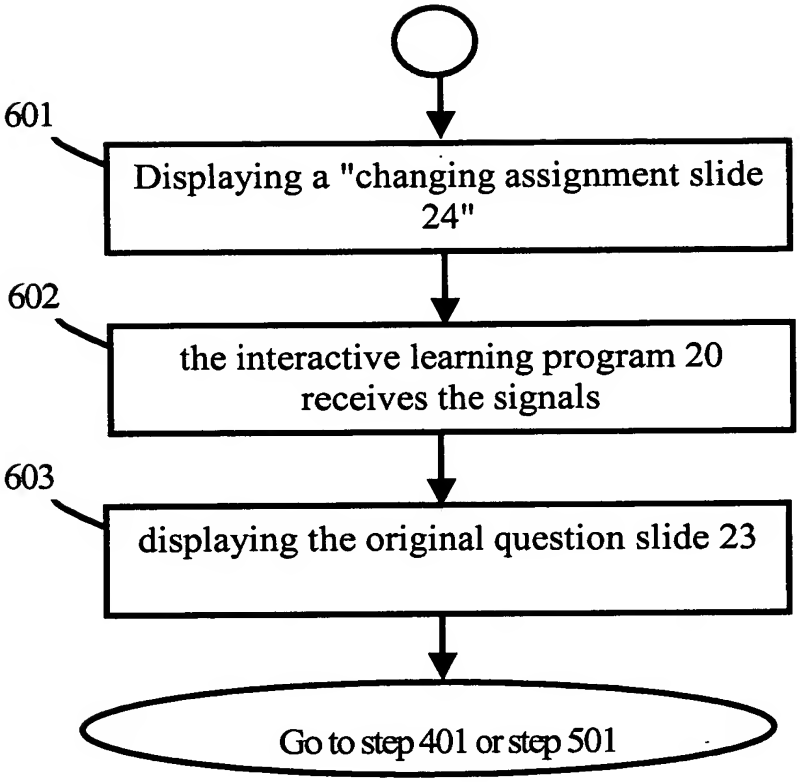
601
Displaying a "changing assignment slide 24"
602
the interactive learning program 20 receives the signals
603
displaying the original question slide 23
Go to step 401 or step 501

FIG. 16

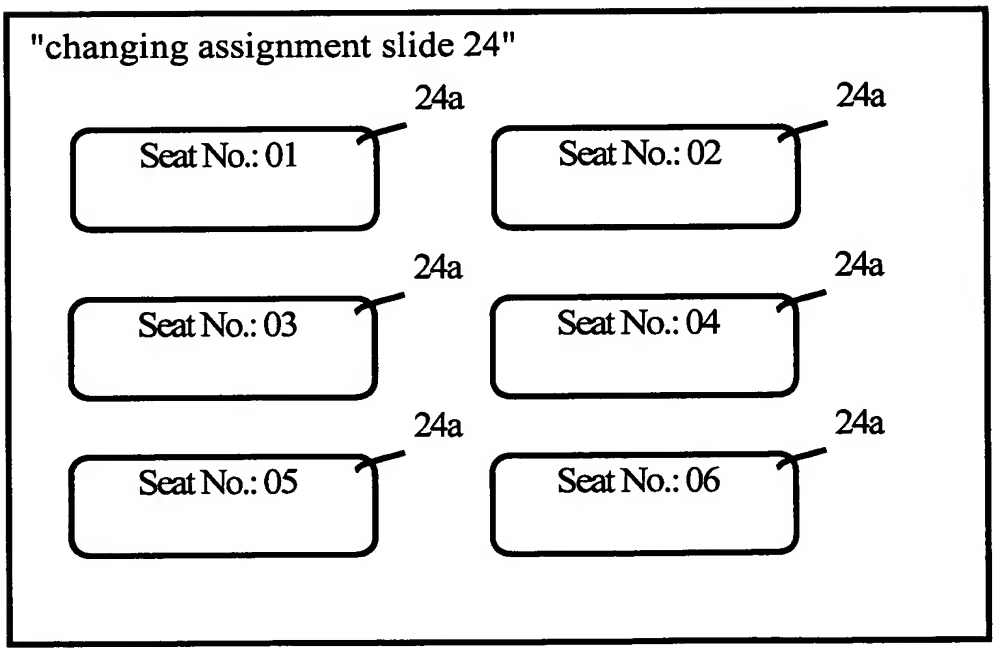
"changing assignment slide 24"
24a
Seat No.: 01
24a
Seat No.: 02
24a
Seat No.: 03
24a
Seat No.: 04
24a
Seat No.: 05
24a
Seat No.: 06

FIG. 17